

High-Speed Wireless Access for Existing Networks!



The Linksys Wireless-G Access Point lets you connect Wireless-G (802.11g) or Wireless-B (802.11b) devices to your wired network so you can add PCs to the network with no cabling hassle. Power over Ethernet support makes it easy to install – you can mount the Access Point anywhere, even without ready access to a power plug. With appropriate Power Over Ethernet support at the other end, you only need to run one cable to the Access Point to deliver both data and power.

It's also perfect for use as a bridge, a kind of "cable-less cable" to connect remote areas together. Maybe Shipping is all the way across the warehouse from Receiving. Or maybe you want to set up a home office in your detached garage. With one Wireless-G Access Point in each end, you're connected at 54Mbps – with no cable to run.

To protect your data and privacy, the Wireless-G Exterior Access Point supports both Wired Equivalent Privacy (WEP) and the industrial-strength wireless security of Wi-Fi Protected Access™ (WPA), encoding all your wireless transmissions with powerful encryption. The MAC Address filter lets you decide exactly who has access to your wireless network, and advanced logging and e-mailed intrusion alerts keep you apprised. You can create multiple SSIDs that connect to individual VLANs to keep your traffic separated. Configuration is a snap with the web browser-based configuration utility.

The Linksys Wireless-G Access Point with Power Over Ethernet is the best way to add wireless access to your existing business network.

Add high-speed Wireless-G access to your wired small business network

Data rates up to 54Mbps in Wireless-G (802.11g) mode, or 11Mbps in Wireless-B (802.11b)

Multiple SSID and VLAN support keeps your traffic separated

Advanced security with WPA encryption, logging, and wireless intrusion protection

Wireless-G

Access Point with Power over Ethernet

Product Data

Wireless-G

Access Point with Power over Ethernet

Features

- 802.11g supports data rates up to 54Mbps
- Backwards compatible with existing 802.11b devices
- Supports multiple SSID with VLAN to create separate, secured networks
- Supports Power over Ethernet (PoE)
- Supports SNMP management

Specifications

Model Number
Standards

WAP54GP
IEEE802.11g, IEEE802.11b, IEEE802.3, IEEE802.3u, IEEE802.3af (Power Over Ethernet), IEEE802.1p (QoS Priority), IEEE802.1q (VLAN), 802.1x (Security Authentication), 802.11i - Ready (Security WPA2), 802.11e - Ready (Wireless QoS)
Ethernet, Antenna, Power
Reset
UTP CAT 5
Power, Ethernet, Wireless-G

Ports
Buttons
Cabling Type
LEDs

Setup/Configuration
Web UI

Built-in Web UI for Easy Browser-based Configuration (HTTP/HTTPS)

Management
SNMP Version
Event Logging
Web F/W Upgrade
Diags: Flash, etc.

SNMP Version 1, 2c
Event Logging
Firmware Upgradeable through Web Browser
Diags: Flash, RAM, LAN, WLAN

Operating Modes

Access Point Mode
Point-to-Point (Bridge)
Point-to-MultiPoint (Bridge)
Repeater

Access Point
Point-to-Point
Point-to-MultiPoint
Repeater

Wireless

Radio and Modulation Type: 802.11b/DSSS, 11g/OFDM
Data Rates Supported 11b: 1, 2, 5.5, 11 Mbps,
11g: 6, 9, 11, 12, 18, 24, 36, 48, 54 Mbps
Operating Channels: 11 North America,
13 Most of Europe (ETSI and Japan)

Specs/Modulation
Data Rates

Channels

of Internal Ant.
of External Ant.
Antenna Connector Type
Transmit Power

None
1 (Omni-Directional)
RSMA
Transmit Power (Adjustable) @ Normal Temp Range:
11g: Typical - 14dBm, 11b: Typical - 18dBm
Receiver Sensitivity 11g: 54Mbps@ -69dBm, 11b: 11Mbps@ -82dBm

Receiver Sensitivity

Security

WEP/WPA/WPA2
802.1x RADIUS Auth.

WEP 64bit/128bit, WPA-TKIP/AES, WPA-PSK, WPA-ENT
802.1x - RADIUS (MD5, SHA1, TLS, TTLS, PEAP) Dynamically Varying
Encryption Keys

Access Control
SSID Broadcast
Multiple SSID
Wireless VLAN Map

Access Control List (ACL) Capability: MAC-Based
SSID Broadcast Enable/Disable
Supports Multiple SSIDs
Supports SSID to 802.1q VLAN Mapping with Wireless Client Isolation

Environmental

Dimensions
W x H x D
Unit Weight
Power
Certifications
Operating Temp.
Storage Temp.
Operating Humidity
Storage Humidity
Warranty

1.26" x 7.83" x 6.89"
(32 mm x 199 mm x 175 mm)
1.01 lbs. (0.46 kg)
12V 1A, IEEE802.3af Compliant PoE
FCC, CE
-4°F to 140°F (-20°C to 60°C)
-4°F to 140°F (-20°C to 60°C)
5% to 95% Non-Condensing
5% to 95% Non-Condensing
3-Years Limited

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Linksys products are available in more than 50 countries, supported by 12 Linksys Regional Offices throughout the world. For a complete list of local Linksys Sales and Technical Support contacts, visit our Worldwide Web Site at www.linksys.com.

Minimum Requirements

- 802.11b or 802.11g Wireless Adapter with TCP/IP Protocol Installed per PC
- Network Adapter with Ethernet Network Cable and TCP/IP Protocol Installed per PC
- Switch/Router with Power Over Ethernet (PoE) Support or PoE Injector
- Web-Based Configuration Java-Enabled Web Browser

Package Contents

- Wireless-G Access Point with POE
- User Guide on CD-ROM
- Network Cable
- Power Adapter
- Adapter Stands
- Registration Card

Check the product package and contents for specific features supported. Specifications are subject to change without notice. Linksys is a registered trademark or trademark of Cisco Systems, Inc. and/or its affiliates in the U.S. and certain other countries. Copyright © 2005 Cisco Systems, Inc. All rights reserved. Other brands and product names are trademarks or registered trademarks of their respective holders.

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Product Data

Model No. **WAP54GP**